

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE DE-AC07-05ID14517	PAGE 1 OF 2 PAGES
2. AMENDMENT/MODIFICATION NO. M105	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. NOPR	5. PROJECT NO. (If applicable)	
6. ISSUED BY U.S. Department of Energy Idaho Operations Office (DOE-ID) Contract Management Division 1955 Fremont Avenue, MS 1240 Idaho Falls, ID 83415		CODE	7. ADMINISTERED BY (If other than Item 6) Diane C. Long, Contract Specialist (208) 526-0949	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and Zip Code) Battelle Energy Alliance, LLC P.O. Box 1625 Idaho Falls, ID 83415		9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)
CODE		FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC07-05ID14517
				10B. DATED (SEE ITEM 13) November 9, 2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

N/A

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS;
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority): THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE-NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (Such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority): IAW Part II, Section H, Contract Clause H.34 entitled "Agreements and Commitments"

E. IMPORTANT: Contractor ___ is not, X is required to sign this document and return [3] copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

The purpose of this modification is to update the Resource Commitments under Part III Section J Attachment R (See Continuation)

Except as provided herein, all terms and conditions of the document referenced in Items 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) LISA A. SEHLKE, Manager Prime Contract and Performance Management		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) MICHAEL L. ADAMS Contracting Officer	
15B. CONTRACTOR/OFFEROR BY <u>Lisa A. Sehlke</u> (Signature of person authorized to sign)	15C. DATE SIGNED <u>5/16/08</u>	16B. UNITED STATES OF AMERICA BY <u>Michael L. Adams</u> (Signature of Contracting Officer)	16C. DATE SIGNED <u>5/14/08</u>

NSN 754-01-152-8070

PREVIOUS EDITION UNUSABLE

30-105

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA FAR (48 CFR) 53.24

The following changes have been made to Section J, Attachment R:

Table 3-1 rev 1 is deleted in its entirety and replaced with the attached Table 3-1 rev 2 (dated 4-30-2008)

Resource Commitment Form #7– Washington Group (2 page) is deleted in its entirety and replaced with the attached Resource Commitment Form #7– URS Washington Division (2 pages)

All other terms and conditions remain unchanged

Resource Commitment Form # 7 URS Washington Group

URS Washington Division commits the following resources to the INL:
1. Resource Description: <p>Environmental Sensing Technologies. URS Washington Division (WSMS) commits to support continued research of new environmental sensor technologies under development at Boise State University (BSU) and at WSMS. These environmental sensor technologies will enable cost-effective, real-time, in-situ measurement of volatile organic compounds, heavy metals, radionuclides and water quality. Support of this research, while yielding improved methods in the monitoring of contaminants at the INL site as well as other Department of Energy (DOE) sites, will also expand the partnership between INL and BSU in terms of technical collaborations as part of the Center for Advanced Energy Studies (CAES), as well as enhance the academic capabilities of BSU by providing educational support to faculty and students. In addition this commitment includes support for BSU preparation of the 2009 Idaho Economic Impact Study for the benefit of DOE ID, INL, CWI and AMWTP.</p>
2. Location of Resource: (Address) <p>The proposed laboratory research will primarily be performed at BSU. Field testing and instrument deployment will be performed at appropriate sites within the state of Idaho (e.g. INL) and potential sites outside of Idaho (e.g. Nevada Test Site). A year-end technical briefing of the completed research will be conducted by the research team at INL.</p>
Estimated Total Monetary Value: \$250,000 – (direct) Estimated Total Monetary Value: \$5M; \$500,000 per year of INL associated programs (indirect)
4. Describe which Project/Program would benefit from the resource and why: <p>INL, DOE and the State of Idaho will benefit from this resource commitment in several ways. This resource will provide direct research support to an Idaho university, Boise State University. BSU and the state of Idaho will benefit through the expansion of research as well as enhanced academic stature for BSU and the state's university system.</p> <p>The resource will enhance INL's CAES, Energy & Environment Division (E&E), Nuclear Energy Division (NE) and Environmental Compliance (EC) programs.</p> <p>The supported research will benefit INL's E&E, NE and EC programs by providing low-cost technologies that can measure and monitor radionuclides, heavy metals and water quality in-situ. The resulting environmental technologies are important to DOE and INL in terms of enabling improved environmental sensing and long-term monitoring of contaminant sites. Demonstration of new sensor technology will further enable expanded deployment efforts that should lead to greater public trust and confidence in DOE and the national lab system as well as substantial cost-savings.</p> <p>The supported research supports the vision of CAES. CAES a partnership between INL, the three Idaho research universities, including BSU, and private industry is working to integrate resources and technical capabilities. This work provides an opportunity for CAES to expand its technical collaboration between INL, BSU and private industry (e.g. URS Washington Division)</p>
5. Date the resource will be provided: <p>Work is scheduled to commence in the spring of 2008 (e.g. April) and the initial phase of the described project is estimated to be completed within 6 months.</p>
6. The resource will be provided by:

URS Washington Division
7. Describe any liability related to this resource financial or otherwise: None
8. How the resource will be managed: WSMS, a wholly owned subsidiary of URS Washington Division, will provide overall project management. Funding will be provided through CAES.
9. How the resource will be integrated into the INL: BSU and WSMS will test and demonstrate sensors and systems at the INL when appropriate. A year-end technical briefing of the completed research will be conducted by the research team at INL. INL will then have access to the system performance data and will be able to integrate these data and systems into environmental missions at the INL.
10. Other pertinent information (e.g., exclusive rights and control of the resource): URS Washington Division and BSU will grant DOE an irrevocable, nonexclusive, royalty-free license to use at the INL during the term of the BEA contract the resulting intellectual property from this resource.

Approved: DV Hays / 4/08/08

Date

Director, Business Management

URS-Washington Division

Provider	Resource Commitment	Type of Resource Commitment			Benefiting INL Area		
		Direct (1)	Program (2)	Access(3)	Nuclear Energy	National Security	S&T and Education
Battelle Energy Alliance	1. Upgrades to Advanced Test Reactor research Capability and Fuel Line	\$20M			4	4	
	2. Support for Education Programs	\$6M			4		4
Battelle Memorial Institute	3. Construction Funding Support for the Center for Advanced Energy Studies (CAES)	\$8.88M			4	4	4
	4. National Security Consulting and Access to Battelle Ventures		\$2M	\$150M		4	4
BWXT	5. Access to BWXT Lynchburg technology Center (LTC)		\$1.5M	\$100M	4	4	
	6. Provision of BWXT Integrated Fuel Processor	\$14M			4		4
URS Washington Division Washington Group	7. Transfer of Smart Secure System Technology	\$0.25M	\$5M			4	
	8. Construction Funding Support for the CAES	\$1.12M			4	4	4
Electric Power Research Institute	9. Establish the Center for Nuclear Fuels and Materials Research (CNFMR)		\$41.2M	\$25M	4		
	10. Access to EPRI's Technology Application Centers		\$2.9M	\$20M	4	4	4
	11. Provision of Technical Support to Critical Infrastructure Testbed		\$1.8M	\$10M		4	
State of Idaho	12. State Support for CAES	\$7.2M			4	4	4
MIT	13. Access to the Massachusetts Institute of Technology Reactor (MITR)			\$33.9M	4		4
North Carolina State University	14. Access to the North Carolina University's PULSTAR Reactor			\$25M	4		4
Oregon State University	15. Access to the Oregon State TRIGA Reactor			\$34M	4		4
The Ohio State University	16. Access to The Ohio State University Research Reactor			\$10M	4		4
University of New Mexico	17. Access to the University of New Mexico Research Reactor			\$5M	4		4
Electronic Data Systems	18. Plan for Enterprise-Wide IT Development		\$.24M		4	4	4
BNFL Inc.	19. Support the Center for Nuclear Fuels and Materials Research - BNFL Ltd.		\$1.5M		4		
Westinghouse Electric Corp	20. Support the Center for Nuclear Fuels and Materials Research - WEC		\$1.5M		4		
British Nuclear Fuels - Plc	21. Support the Center for Nuclear Fuels and Materials Research - BNFL			\$50M	4		
British Nuclear Fuels - NSTS	22. Support the Center for Nuclear Fuels and Materials Research (CNFMR)		\$30M	\$300M	4		
AREVA	23. Support the Center for Nuclear Fuels and Materials Research (CNFMR)	\$2M	\$20M	\$50M	4		
USRA	24. Establish the Center for Space Nuclear Research (CSNR)	\$1.5M			4		4
General Atomics	25. Support the Center for Space Nuclear Research (CSNR)			\$150M	4		4
Burns & Roe	26. Establish the Center for Nuclear Systems Design and Analysis (CNSDA)	\$0.36M			4		4
Studsvik	27. Support the Center for Nuclear Systems Design and Analysis (CNSDA)	\$0.25M		\$101.5M	4		4
TOTAL		\$61.58M	\$107.64M	\$1.064B			
(1) Direct Funds committed to a specific purpose at INL		(2) Program Funds Available for prescribed project or consulting activity			(3) Access Capital or Replacement value of an asset being offered for use		